Lenovo® recommends Windows® 7 Professional.

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THE LENOVO® THINKCENTRE® M77 DESKTOP

PERFORMANCE. SECURITY. GREEN.

- BETTER PERFORMANCE - GENUINE WINDOWS® 7 PROFESSIONAL
- BEST MAINSTREAM PERFORMANCE IN AN AMD-BASED DESKTOP
- STURDY SECURITY AND MANAGEABILITY WITH DASH 1.1 AND TPM 1.2
- GREEN EFFICIENCY WITH REPUTABLE CERTIFICATIONS AND ENERGY SAVINGS
- FAST COMPUTING WITH SATA III HDD SUPPORT – FASTER THAN SATA II
- HIGH PRODUCTIVITY WITH QUAD INDEPENDENT DISPLAY

THE LENOVO THINKCENTRE M77 DESKTOP:

Introducing Lenovo's mainstream desktop PC for large enterprises and public segment. The ThinkCentre M77 is designed for those who want business-class performance, security, and green computing in a Lenovo ThinkCentre branded desktop.

Performance: Experience the power of AMD AM3+ CPU that sports integrated DirectX capable graphics. Work faster with SATA III HDD support – two times faster than SATA II. Stretch your bounds of productivity with Quad Independent Display support.

Security: Business-class performance is complemented by solid security features like Desktop and mobile Architecture for System Hardware (DASH) 1.1, USB ports disable, and Trusted Platform Module (TPM) 1.2. DASH 1.1 provides a host of capabilities to tighten system security and to address growing IT requirements through remote manageability. USB ports disable helps you prevent corporate data theft and network security risks against unauthorized use of USB storage devices. TPM 1.2 encrypts data and key information like passwords and digital certificates, securing applications, electronic transactions, and online communication.

Green: Delivering superior security and greater performance, the ThinkCentre M77 offers up to 90 percent efficient power supply units (PSUs). The ThinkCentre M77 is set to make its mark as an energy efficient and green computing device with Energy Star 5.2 compliance, GREENGUARD, and EPEAT Gold certifications.

Designed for businesses that seek faster performance and a secured work environment, ThinkCentre M77 desktops make you achieve the extraordinary.

Windows 7

lenovo ENHANCED EXPERIENCE 2.0

LENOVO ENHANCED EXPERIENCE 2.0 FOR WINDOWS® 7. FASTER AND OPTIMIZED FOR BUSINESS.

Lenovo Enhanced Experience 2.0 for Windows® 7 uses RapidBoot technology to start your PC on average 20 seconds faster than a typical Windows® 7 computer*. And with superior web conferencing and robust security features, you'll benefit from increased productivity at the office. Find out more at www.lenovo.com/win7ee

*Compares averaged data from Lenovo EE 2.0 PCs with averaged data from 42 competitor products of similar configuration. Testing conducted by CNET Labs, Beijing in November 2010, using the independent Microsoft VTS tool to measure start-up, shutdown, resume and other Windows® 7 performance measurements. Data from competitor and Lenovo PCs were averaged and compared to calculate the claims used. Performance will vary by model and configuration.

VISION PRO AMD

VISION Pro Technology from AMD helps improve productivity through business applications that look and perform great, helps reduce maintenance headaches and get the most out of your IT budget.

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WHAT WE OFFER

SALIENT FEATURES

BUSINESS-CLASS PERFORMANCE

The ThinkCentre M77 delivers modern computing technology:

- Genuine Windows® 7 Professional
- AMD AM3+ CPU support – 30% faster than AM3 CPU
- SATA III HDD support – 2 times faster than SATA II
- Quad Independent Display support

BUSINESS-CLASS SECURITY

The ThinkCentre M77 is more secure with:

- DASH 1.1 onboard – more managed security
- USB ports disable – defend against data theft
- TPM 1.2 – encrypted data cannot be read on other PCs

GREEN COGNIZANCE

The ThinkCentre M77 is built with green standards for businesses that drive environmentally-conscious values, by achieving:

- Up to 90% efficient PSU
- Energy Star 5.2 compliance
- GREENGUARD Certification
- EPEAT Gold Certification

SERVICE OFFERINGS

ThinkPlus Services

RECOMMENDED SERVICE FOR THINKCENTRE M77

Lenovo's Award-Winning Support for Enterprise-Class Need:

› 5yr Onsite Service Priority Support

› Hard Disk Drive Retention

Protect your investment with Lenovo's award-winning ThinkPlus Service and Support.

WARRANTY EXTENSIONS AND UPGRADES

- Extensions provide the ability to match warranty term to the intended lifespan of your ThinkCentre M77. Protect your PC and your budget from unexpected repair costs:
- Available on the M77 for periods of 4 and 5 years (total duration) beginning at the initial warranty start date
- Warranty upgrades give you access to higher levels of service and response, such as on-site or next business day service.

PRIORITY SUPPORT

An essential support solution that gives ThinkCentre users or IT staff direct access to the right level of support on the first call, making your priority our priority. Save time with improved first time fix rates, and reduced downtime while increasing end-user satisfaction and helpdesk productivity.

› Priority call routing
› 24x7 local language tech-to-tech phone support
› Web based call tracking tools
› Escalation management
› Third party software support

HARD DISK DRIVE RETENTION

Lenovo Hard Disk Drive Retention allows you to retain your hard drive if it should happen to fail, instead of returning the damaged part to Lenovo, protecting valuable files and confidential information from falling into the wrong hands.

To learn more about these and other available Lenovo Services, visit **www.lenovo.com/services**

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SOFTWARE OFFERINGS

SUPPORTED OPERATING SYSTEMS

- Genuine Windows® 7 Starter 32 bit
- Genuine Windows® 7 Home Basic 32 bit[1]
- Genuine Windows® 7 Home Premium 32 bit
- Genuine Windows® 7 Home Premium 64 bit
- Genuine Windows® 7 Professional 32 bit
- Genuine Windows® 7 Professional 64 bit
- Genuine Windows® 7 Ultimate 32 bit
- Genuine Windows® 7 Ultimate 64 bit
- Genuine Windows® Vista Home Basic SP2 – Mature market only
- Genuine Windows® Vista Business SP2
- Genuine Windows® XP Professional SP3 – preload downgrade from Windows® 7

SUPPORTED TVT TOOLS

- Rescue and Recovery
- System Update and Update Retriever
- Password Manager
- Desktop Power Manager
- ThinkVantage Toolbox
- Image Ultra Builder
- System Migration Assistant (SMA)
- Productivity Center
- Secure Data Disposal

PRE-LOADED APPLICATIONS

- Microsoft® Office Starter 2010
- Norton™ Internet Security 2011
- Adobe® Acrobat Reader® 10
- Adobe® Flash Player®
- Skype™
- Internet Explorer® 9

OPTIONS & ACCESSORIES

Lenovo ThinkVision LT2252p (2572-MB6)

- 22-inch wide display supporting 1680 x 1050 resolution with DisplayPort*, VGA Analog and DVI digital inputs
- Supports ThinkVision Soundbar (45K1263)
- Note: For DisplayPort attachment, requires the Lenovo DisplayPort to DisplayPort Monitor Cable (0A36537)

ThinkVision Soundbar (45K1263 – U.S. Power Adapter)

- Adds stereo-audio sound without sacrificing valuable desk space
- Supports Dual Speaker with 3+3 (total) watts of output
- Offers Integrated headphone and microphone jacks
- Comes with external AC power adapter

www.lenovo.com/support/monitoraccessories

ThinkCentre Extend Arm (57Y4352)

- Improve viewing comfort using tilt adjustment or pivot for portrait or landscape viewing
- Extend forward or collapse backward to move monitor out of the way when not in use.
- 10.6-inches (270-mm) of height adjustment

www.lenovo.com/support/monitoraccessories

Lenovo Ultraslim Plus Wireless Keyboard and Mouse (0A34032)

- Eliminate cables using reliable 2.4GHz wireless keyboard and mouse combination

www.lenovo.com/support/keyboards

Lenovo ThinkVision LT1952p Monitor (2448-MB6)

- 190-inch wide display supporting 1440 x 900 resolution with DisplayPort*, VGA Analog and DVI digital inputs
- Supports ThinkVision Soundbar (45K1263)
- Note: For DisplayPort attachment, requires the Lenovo DisplayPort to DisplayPort Monitor Cable (0A36537)

DisplayPort to DisplayPort Monitor Cable (0A36537)

- Attach ThinkVision LT1952p, LT2252p ,LT2452p Monitors when using the DisplayPort monitor port to systems with DisplayPort

www.lenovo.com/support/monitoraccessories

PC3-10600 DDR3-1333 UDIMM Memory

- Lowest cost method to boost system performance
- 2GB PC3-10600: 57Y4390
- 4GB PC3-16000: 0A36527

www.lenovo.com/support/desktopmemorycompatibility

Lenovo Laser Mouse (41U3074)

- High performance, fully programmable, superior comfort laser mouse.
- High-definition with 2000 dpi resolution for extraordinary accuracy and increased responsiveness which results in smoother tracking

www.lenovo.com/support/mice

Kensington MicroSaver Cable Lock from Lenovo (73P2582)

- Help reduce theft, and increase physical asset protection
- Secure the ThinkCentre system or a monitor

www.lenovo.com/support/security

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SYSTEM SPECIFICATIONS

	TOWER	SFF
Operating System	Genuine Windows® 7 Starter SP1 Genuine Windows® 7 Home Basic 32 SP1 Genuine Windows® 7 Home Premium 32 SP1 Genuine Windows® 7 Home Premium 64 SP1 Genuine Windows® 7 Professional 32 SP1 Genuine Windows® 7 Professional 64 SP1 Genuine Windows® 7 Ultimate 32 SP1— Eng only/special bid only Genuine Windows® 7 Ultimate 64 SP1 — Eng only/special bid only Genuine Windows® Vista® SP2 — English and Japnese - Downgrade from Genuine Windows® 7 - special bid Genuine Windows® XP Professional SP3 - Eng only - Downgrade from Genuine Windows® 7 - special bid only	
Processor	Sempron, Athlon II x2, Athlon IIx3, Athlon IIx4, Phenom II X2, Phenom II x3, Business series,Phenom II x4, Phenom II X6, FX series	
Network Controller	Broadcom BCM5761 10Mbps, 100Mbps, 1000Mbps / PCIE Modem HR®	Broadcom BCM5761 10Mbps, 100Mbps, 1000Mbps / PCIE Modem LP®
Memory	DIMM Slots: 4 (UDIMM), Type: UDIMM DDR3, Speed: 1333MHz, Modules Types Supported: 2GB/4GB, Min Memory: 2GB, Max Memory: 16GB, Bandwidth: up to 10.6GB/s	
Drive Bay Available	3.5' Internal HDD Bay: 2(HDD), 5'25 External ODD Bay: 2(ODD), HDD Support: 2, ODD Support: 2	3.5' Internal HDD Bay: 1(memory card reader) , 5'25 External ODD Bay: 1, HDD Support: 1, ODD Support: 1
Interfaces & Connectors	SATA Connectors: 4, PATA Connectors: No	
Hard Drive Options	Supported Types: Serial-ATA, Available Drives: 250GB / 320GB / 500GB /1TB 7200RPM SATA, Bus Transfer Rate: 600MB/s	
Optical Drive Options	Supported Types: DVD-ROM, Available Drives: SATA DVD-ROM/DVD Recorder Rambo	
System Board Connectors	Primary IDE Drive: No, Serial ATA: SATA3.0 x4, Floppy Drive: No, CPU Fan: One 4-pin connector, System Fan: One 4-pin connector, Power Fan: One 4-pin connector, PCI: One 24-pin connector + one 4pin, PCI Express x1: 2, PCI Express x16: 1, CD Drive Audio Interface: No, Front Panel: One 14-pin connector, Front Audio: One 14-pin connector, CASE_OPEN: One, COM: One 16-pin connector, CLR_CMOS: One for softwere and two for HW (CLR_CMOS for software, CMOS_HW1 for HW, GPIO33_JP for HW), Power Connection Interface: One 24-pin connector + one 4pin, Internal Speaker Connector: One 2-pin connector, Memory Slots: 4	
Standard I/O Ports (Front)	High Speed USB 2.0: 2, Microphone: 1, Headphone: 1	
Standard I/O Ports (Back)	High Speed USB 2.0: 6, Serial: 1, Parallel: by cable, PS/2: optional, via punching out, Integrated VGA port: 1, Integrated Display port: 1, DVI: N/A, RJ45: 1, RJ11 (on selected model): NO, IEEE 1394 (on selected models): NO, Microphone: 1, Audio Line in: 1, Audio Line out: 1, eSATA: NO, USB 3.0(on selected models): NO	
PCI Express x1	Available Slots: 2 Full Height, Connector Size: 36pin, Data Bus Width: 500MB/s per Direction ; duplex 1GB/s, Voltage: 12V, Power (Max): 25W	Available Slots: 2 Low Profile, Connector Size: 36pin, Data Bus Width: 500MB/s per Direction ; duplex 1GB/s, Voltage: 12V, Power (Max): 25W
PCI Express x16	Available Slots: 1 Full Height, Connector Size: 164pin, Data Bus Width: 8GB/s per Direction; duplex 16GB/s, Voltage: 12V, Power (Max): 75W	Available Slots: 1 Low Profile, Connector Size: 164pin, Data Bus Width: 8GB/s per Direction; duplex 16GB/s, Voltage: 12V, Power (Max): 45W
Graphic Card	Integrated: ATI Radeon HD 4250, Discrete: ATI Radeon HD5450/ATI Radeon HD6450/Nvidai NVS300	Integrated: ATI Radeon HD 4250, Discrete: ATI Radeon HD5450/ATI Radeon HD6450
Audio	Type: Integrated Audio, Chipset: ALC662, Stereo Conversion: 24-bit DAC and 24-bit ADC	
Power Supply	320W 90plus 90% Active PFC / 280W Standard / 280W 85plus 85% ACTIVE PFC	240W Stanard / 240W 85plus 85% ACTIVE PFC
Power Management	ACPI Wake-up Event: System Wakes From, Power Button: suspend or soft-off, Wake OnLAN: suspend or soft-off PME: suspend or soft-off	

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	TOWER	SFF
Chassis	Height: 414mm, Width: 175mm, Depth: 442mm, Weight: 11kg, Volume (Approximate): 25L	Height: 99.7mm, Width: 337mm, Depth: 369mm, Weight: 7.5kg, Volume (Approximate): 11L
LCD	ThinkVision L2440x Wide, ThinkVision L2440p Wide, ThinkVision L2240p Wide, ThinkVision L1900p, ThinkVision L1940p Wide, ThinkVision L1700p ThinkVision L1900, ThinkVision L1940 Wide (EMEA only), ThinkVision L197 Wide2 (Note: 2. planned to withdraw at EMEA in Oct 2008, and replaced by L1940 Wide)	
Peripherals	Keyboard: Lenovo Preferred Pro Full Size Keyboard, Lenovo Preferred Pro Fingerprint Keyboard, Lenovo Preferred Pro fullsize PS2 Keyboard Mouse: Optical Wheel Mouse PS/2, Additional Storage: No	
Card Readers	BLD memory card reader400mm-F	BLD memory card reader530mm-PCBA
Environment Attributes	Temperature: Operating: 10⁰ - 35⁰ (50F to 95F), Non-operating: -40⁰ - 60⁰ (-40F to 140F), Wet bulb temperature: 25⁰ (max) (Operating), 40⁰ (max) (Non-Operating) Relative Humidity: Operating: 20 ~ 80 % non-condensing, Non-operating: 20 ~ 90 % non-condensing Max Vibration: 1.04 G at 2 to 200 Hz at 1 octave/min (With Package), Non-operating:1.04 G at 2 to 200 Hz at 1 octave/min Operation:0.27 G at 5 to 500 Hz at 0.5 octave/min,Ramdom(without LCD panel) Max Shock: Operating: Bottom half-sine pulse with a change in velocity of 37.4 cm/sec (14.7 inches/sec), Non-operating: 45-G faired square wave with a velocity change of 441 cm/sec (173.7 inches/sec) Max Altitude: Operating: –15.2 to 3048 m (–50 to 10,000 ft), Storage:–15.2 to 10,668 m (–50 to 35,000 ft)	
Preloaded Software in Windows 7	Acrobat reader, Biztree "Business-in-a-Box" (Ready to Install), Leadertech Resistration, Lenovo Users Guide and Viewer, Japan i-Filter. Kingsoft Dictionary on JP/Eng preload, Skype Application 5.0	
Preloaded ThinkVantage® Suite	ThinkVantage Rescue and Recovery 4.3 (Ready to Install), Product Recovery 9.0, Password Manager 3.2 - (Ready to Install), ThinkVantage System Update 4.0, Desktop Power Manager, Lenovo Message Center Plus, Simple Tap 1.3	
Certifications* Please contact your local Lenovo Sales Representatives for more certifications in your area	FCC DoC for North America, VCCI certification for Japan, BSMI certification for Taiwan, EU/EFTA CE Mark & DoC, Power line harmonics for Japan, KC certification for Korea & MIC Mark, C-Tick DoC for Australia & New Zeland, UL/CUL DEMKO-GS, IEC60950-1 CB Report/Certificate Saudi Arabia ICCP(SASO), Hong Kong SAR (CB report), Argentina S-mark, EU/EFTA CE Mark & DoC, China CCC Mark, Singapore - PSB, Nigeria - SONCAP, Kenya - KEBS, Mexico - NOM, South Africa - SABS, Russia GOST-R Mark (AR46), Israel (Done, under general license), Croatia - ZIK(Enable Process Only), Japan Energy Saving, GreenGuard, Japan PC Green Label, China Energy Saving, Taiwan Green Mark	

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Availability: Offers, prices, specifications and availability may change without notice. Lenovo is not responsible for photographic or typographic errors. **Warranty:** For a copy of applicable product warranties, write to: Warranty Support Dept., EMEA Services, Lenovo, Eisteinova 21, 851 01 Bratislava, Slovakia. **Trademarks:** Lenovo, the Lenovo logo, Rescue and Recovery, ThinkCentre, ThinkPad, ThinkStation, ThinkVantage and ThinkVision are trademarks or registered trademarks of Lenovo. Microsoft, Windows and Vista are registered trademarks of Microsoft Corporation. AMD, the AMD Arrow logo and combinations thereof are trademarks of Advanced Micro Devices, Inc. in the United States and/or other jurisdictions. Other company, product and service names may be trademarks or service marks of others. Visit www.lenovo.com/safecomputing periodically for the latest information on safe and effective computing.

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WW/WW/DS/Q1-12/xxxxxx